

Please replace the following abstraction with amended abstraction

Abstraction

In order to solve the wireless device's limited storage problem, the wireless device can use the storage of a server as their external storage. To effectively let the storage server providing external storage (file system) for wireless device, the storage of a server need to be partitioned into multiple small storage volumes, which also need to be exported to each specific wireless device. With the supporting of console support software module of the server, the user from web-browser of a wireless device can manage the assigned external storage volume on a server such as create delete directory/folder, move, copy, delete, rename files etc.. The data on the wireless device can be stored into this external storage. The user from the web-browser also can perform download data from a remote web-site to his/her assigned private external storage on a server. In addition, if a web-browser of wireless device support the embedded video or music, the user from the web-browser of a wireless device can access and play the multimedia data, which stored on external storage of the wireless device. Finally, to support huge number of wireless devices with external storage, the CCDSVM infrastructure can be deployed. The larger number of server units controlled by a central control station can provide huge amount of storage volumes for huge amount of wireless devices.

Adapting web-based external storage, wireless device can posses huge amount of storage that current any wireless device's internal storage can not provide. To effectively let the storage server providing external storage (file system) for wireless device, the storage of a server need to be partitioned into multiple small storage volume and need to be linked to each specific wireless device. The console support software coupled with web-server software of a server provides both users of wireless device and console host a web-browser based work environment and allow both user through web-browser to perform tasks of creating and utilizing external storage (file system). To support larger number of wireless

devices with external storage, the CCDSVM infrastructure can be deployed. The larger number of storage server controlled by a central control system can satisfy unlimited wireless devices external storage needs.